

DAEWOO

Service Manual

Washing Machine

**Model: DWM-500M
DWM-501M**



✓ **Caution**

: In this Manual, some parts can be changed for improving, their performance without notice in the parts list. So, if you need the latest parts information, please refer to PPL(Parts Price List) in Service Information Center (<http://svc.dwe.co.kr>).

DAEWOO ELECTRONICS CO., LTD.

[http : //svc.dwe.co.kr](http://svc.dwe.co.kr)

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SPECIFICATIONS

| NO | ITEM | | SPECIFICATIONS | |
|----|--------------------------|----------|---|-----------|
| | | | 50Hz | 60Hz |
| 1 | POWER SOURCE | | Available in all local AC voltage | |
| 2 | POWER CONSUMPTION | NON PUMP | 330W | |
| | | PUMP | 410W | |
| 3 | MACHINE WEIGHT | NON PUMP | NET : 17.0kg, PACKED UP : 18.5kg | |
| | | PUMP | NET : 18.0kg, PACKED UP : 19.5kg | |
| 4 | DIMENSION | | 680 x 406 x 857 (WxDxH, mm) | |
| 5 | CAPACITY | WASH | 3.0 kg | |
| | | SPIN | 2.7 kg | |
| 6 | WATER LEVEL | | HIGH : 37 ℓ, LOW : 27 ℓ | |
| 7 | OPERATING WATER PRESSURE | | 0.3 ~ 3.0kgf/cm ² (3.0 ~ 30.0 N/cm ²) | |
| 8 | ROTATING SPEED | WASH | 330 rpm | 340 rpm |
| | | SPIN | 1,450 rpm | 1,700 rpm |
| 9 | WASHING TYPE | | Pulsator (Impeller) Type | |
| 10 | SPINNING TYPE | | Centrifugally Separated Type | |
| 11 | WASH TIME | | Max. 15min., Manual Operation | |
| 12 | SPIN TIME | | Max. 15min., Manual Operation | |
| 13 | PULSATOR | | 6 WINGS (Φ 200 mm) | |
| 14 | WATER SUPPLY | | MANUAL | |

Explanation table for suffixes of model names

| POWER SOURCE | SUFFIX | | EXAMPLE |
|-------------------|----------|------|---------|
| | NON PUMP | PUMP | |
| AC 110V, 60Hz | T | TP | |
| AC 220V, 60Hz | L | LP | |
| AC 110/220V, 50Hz | D | DP | |
| AC 127/220V, 60Hz | S | - | |
| AC 220V, 50Hz | N | NP | |
| AC 230~240V, 50Hz | M | MP | |
| AC100V, 50/60Hz | J | - | |

CAUTIONS ON THE OPERATION

1. Installation

- Install the washer in the place easy of access to water, electrical power and drainage.
- Install the washer on a firm and flat floor.
- Be sure that the washing machine must be grounded with the external grounding wire(option) or with the power cord and electric outlet of the house.
- Avoid installing the machine where it can be exposed to rain or direct ray of the sun, that may cause trouble or discoloration. In case the machine has to be installed in such a place, provide a shield to protect machine from rain or direct rays of the sun.
- In summer or other periods when there is a great difference between the water temperature and the air temperature, drops of water may condense on the outside of the tub, and the floor might become wet from dripping; be careful of this.
- Please disconnect the power cord plug after washing.

2. Grounding

- Connect the grounding wire(option) to a water faucet if the pipe is made of metal.
- Make sure that the power cord is unplugged during ground work.
- Be sure to wind grounding wire on a metal pipe like Fig1.
(Do not connect the grounding wire end to a gas tube.)
- For maximum security, attach the grounding wire to a copper plate or grounding rod and bury it at least 20cm in the ground like Fig2.

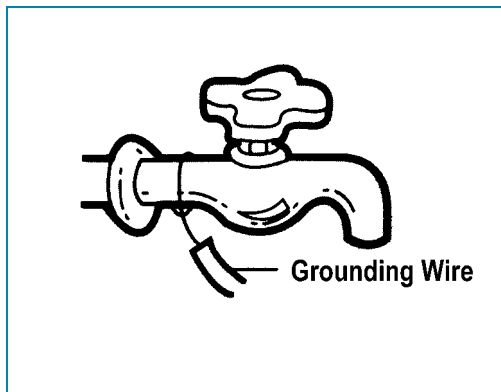


Fig. 1

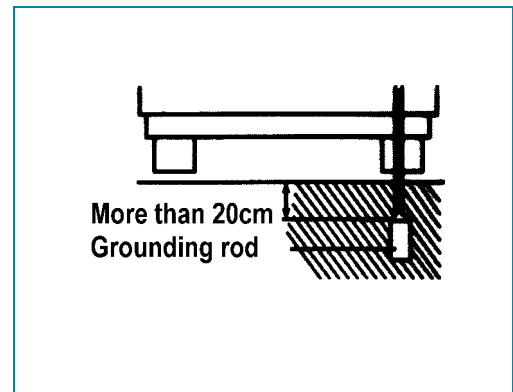


Fig.2

3. Caution on Use

- Do not use water which contains rust.
- Never put your hands into the tub during wash and rinse process.
- This unit is made of poly-propylene, use water below 50 °C.
- The opening must not be obstructed by carpeting when the washing machine is installed on a carpeted floor.
- Put the wet clothes into the spindryer drum, being sure that they must be well balanced.
- Place the safety cover horizontally on the top.
- Ensure that the spindryer drum completely stops before reaching in to remove the laundry.



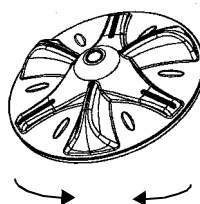
Putting in the clothes
Distribute the clothes in the tub being sure that nothing is protruding out of the top.



Detergent Amount
If you use too much detergent. There will be an excessive amount of suds and rinsing may be insufficient: limit the amount of detergent you use.



Pocket Check
Check the pockets of the laundry and remove contents that shouldn't be washed before putting the laundry into the tub.

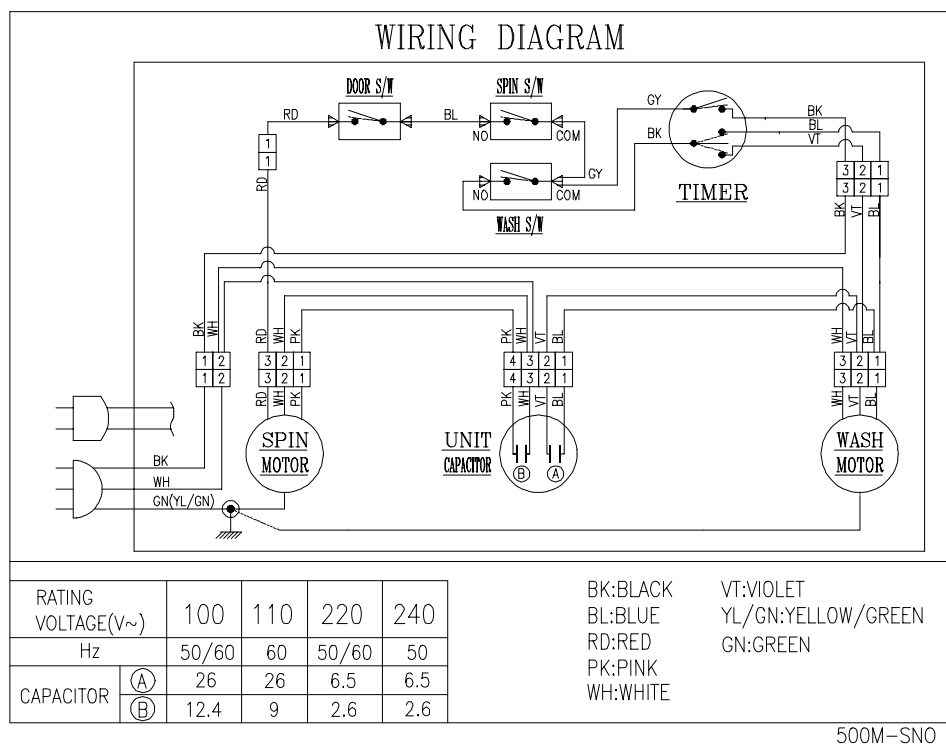


Acting Time Of Pulsator

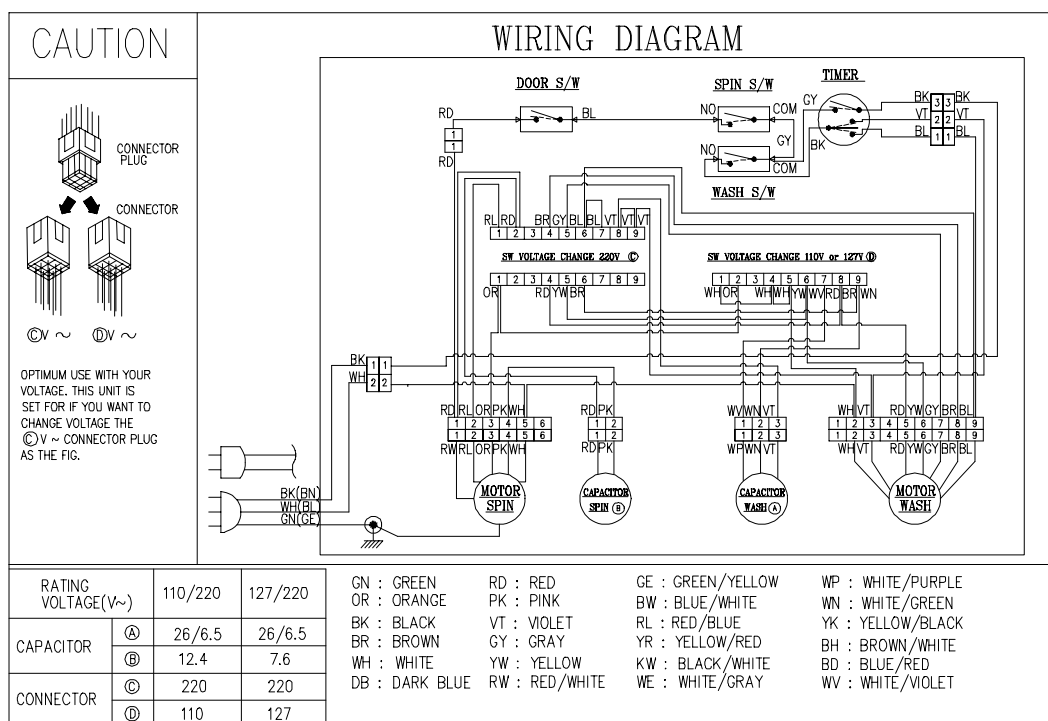
| Wash Action | Move | Stop |
|----------------|------|------|
| Normal Reverse | 6.8" | 4.5" |

WIRING AND CIRCUIT DIAGRAM

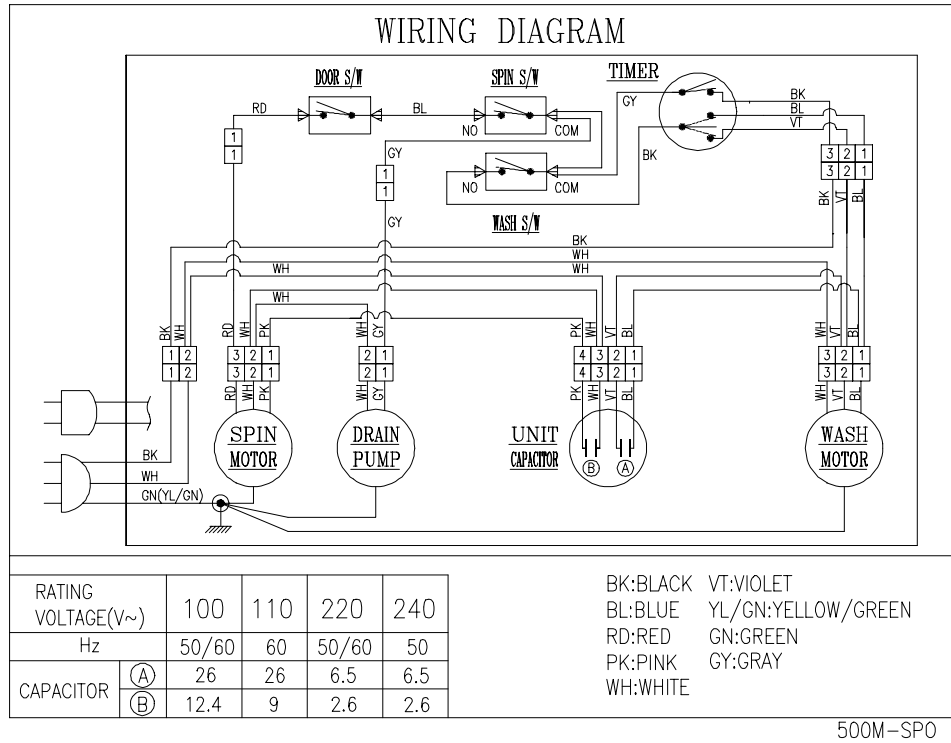
1. SINGLE VOLTAGE NON PUMP MODEL



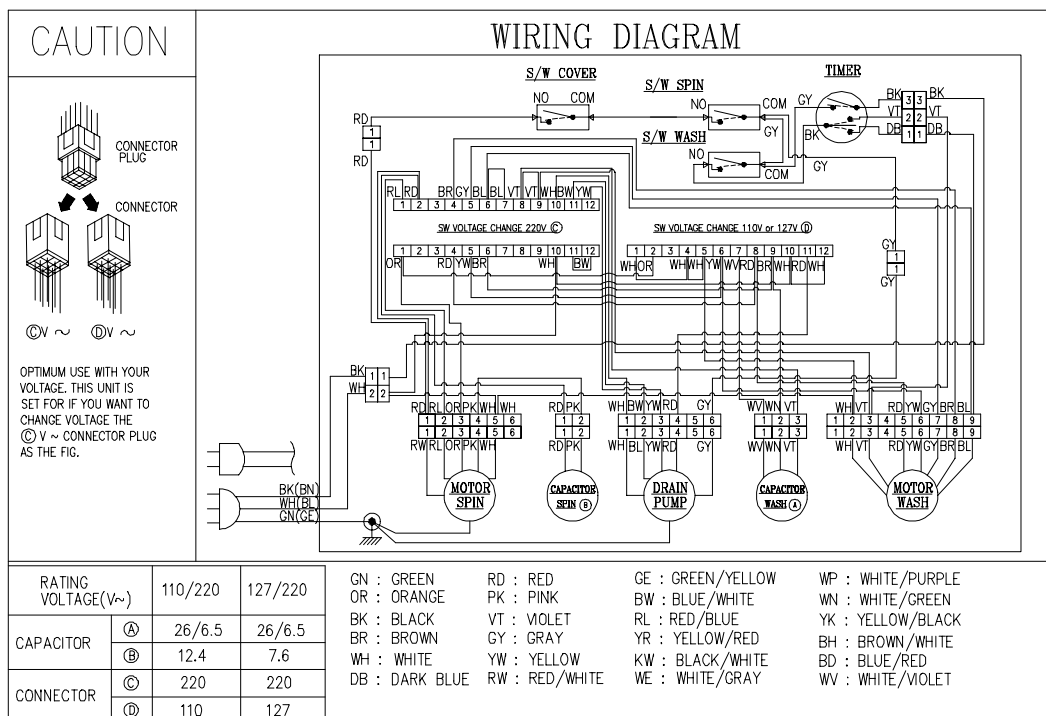
2. DUAL VOLTAGE NON PUMP MODEL



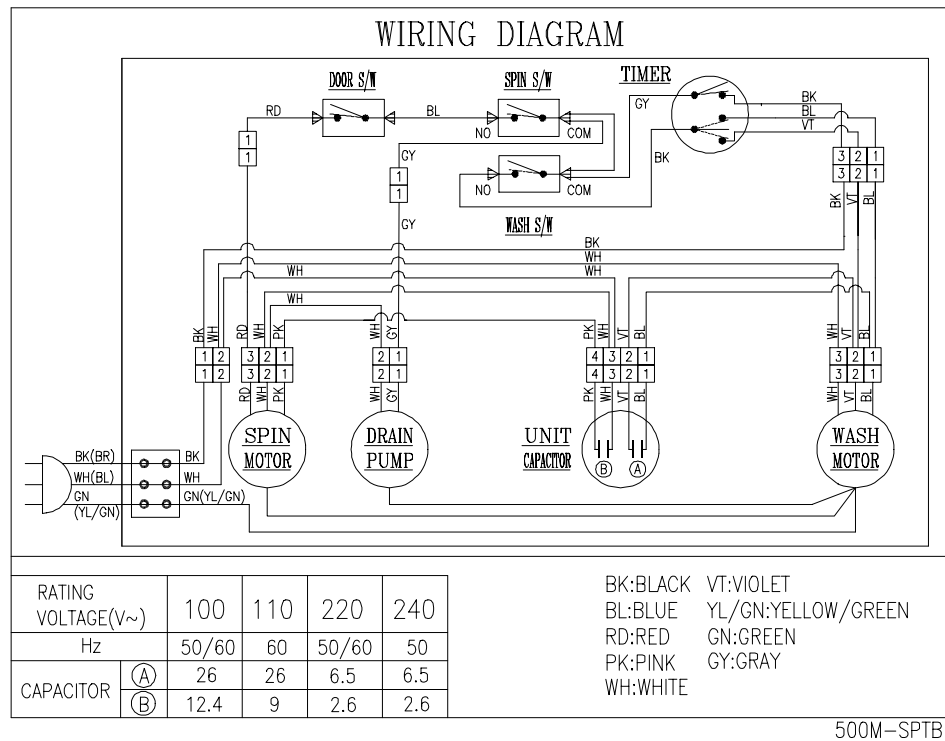
3. SINGLE VOLTAGE PUMP MODEL



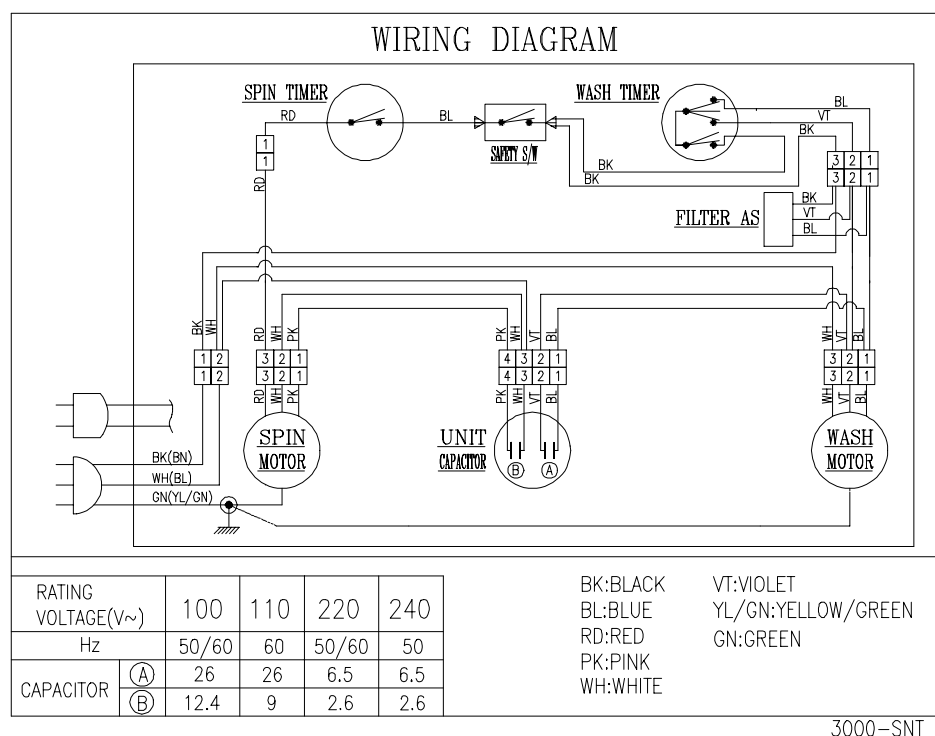
4. DUAL VOLTAGE PUMP MODEL



5. SINGLE VOLTAGE PUMP MODEL WITH TERMINAL BLOCK



6. SINGLE VOLTAGE NON PUMP MODEL(ONLY FOR JAPAN)



PRINCIPLES OF OPERATION AND EXPLANATION OF FUNCTIONS

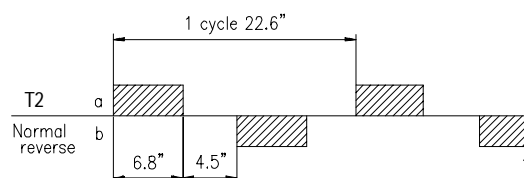
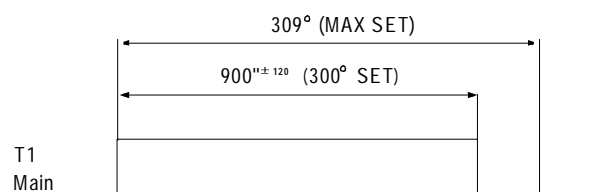
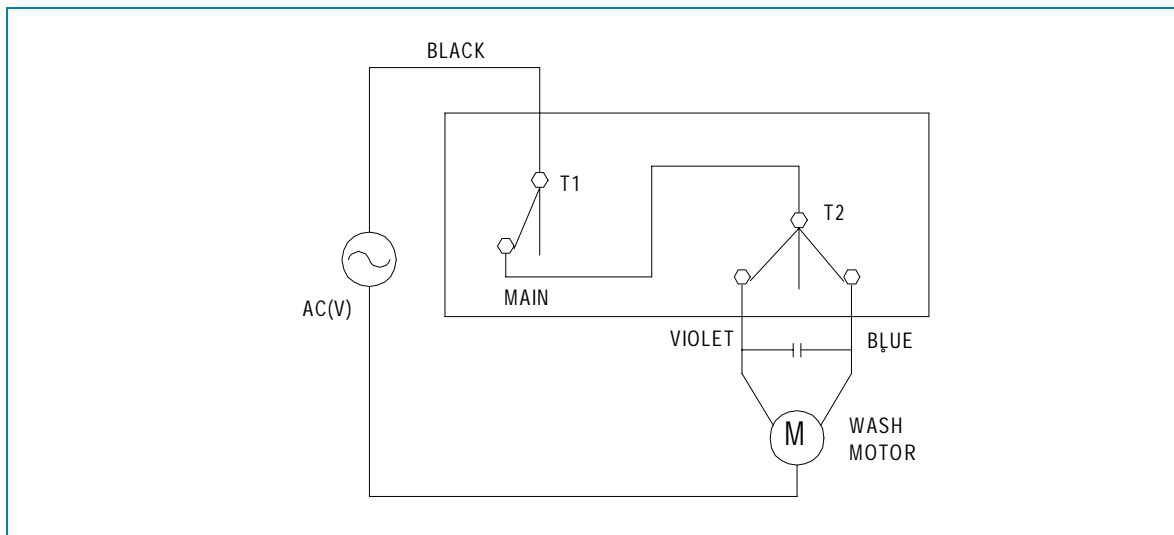
◆ TIMER WASH

- Function

The main switch(T1) remains ON during the washing time set by turning the timer knob.

At the same time, the internal switch(T2, T3) provides Power to wash motor alternately at assigned intervals.

* Circuit Diagram

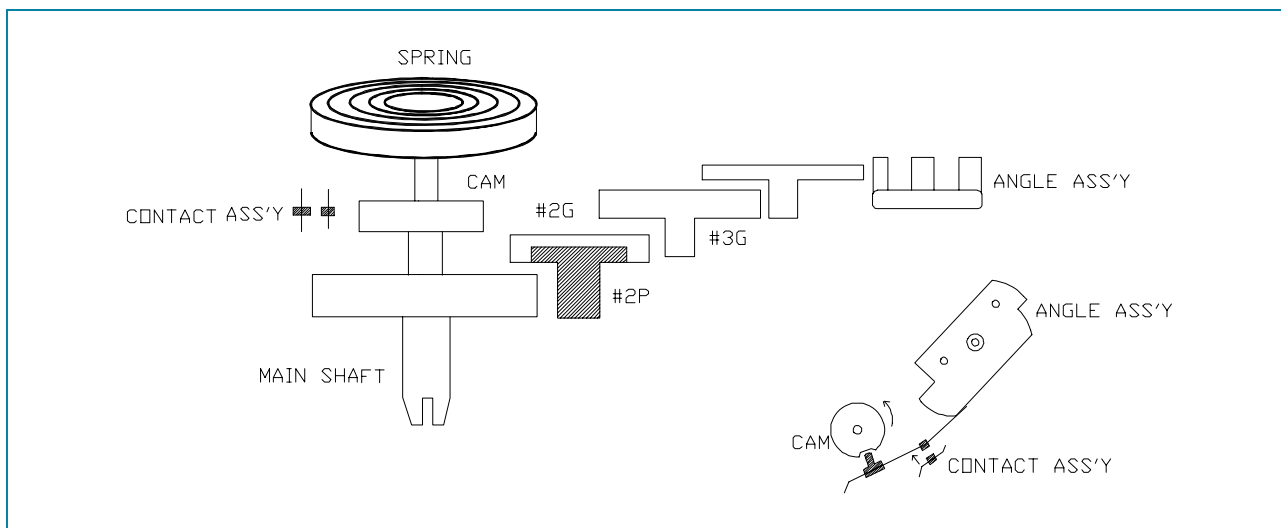


◆ TIMER SPIN(OPTION)

- Function

The Spin Timer is the switch providing power to the spin motor(Drain Pump motor) during the set spin dry time, and is a spring-type time switch comes on upon turning and those contact point comes off after the set time.

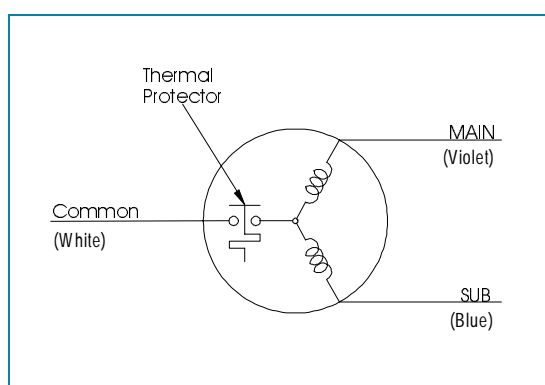
* Structure and Principle of Activation



1. The main shaft turns due to the unwinding force when the spin timer is turned and the spring wound, with that force being delivered through each gear and the spring slowly unwinding at a speed finally controlled by the angle assembly.
2. The contact point turns ON and the assembly angle is set in motion, which is in the CAM groove in the OFF state, comes off the groove when the MAIN SHAFT is turned to wind the spring. The contact point turns OFF, return to CAM groove when the spring unwind completely.

◆ SAFETY DEVICE FOR MOTORS(OPTION)

In case excessive strain is placed on the motor due to excessive electricity, over heating, or overloading so that the temperature of motor reaches to about 130 °C, the thermal protector attached to the motor shuts off the motor automatically. In the case the motor does not operate, until the temperature of motor drops to about 85 °C. It takes about an hour.



◆ SAFETY DEVICE FOR SPIN DRYER

The spin dryer is an apparatus which eliminates the water from the laundry through centrifugal separation generated by rapid revolution(approximately 1700rpm for frequency of 60Hz).

Accordingly, there are a door switch to cut off the power going into the spin motor when door spin is opened and a brake system to stop the rotating spin dryer.

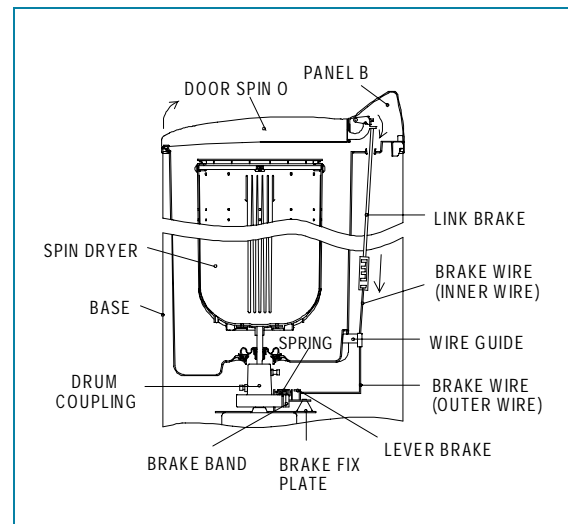
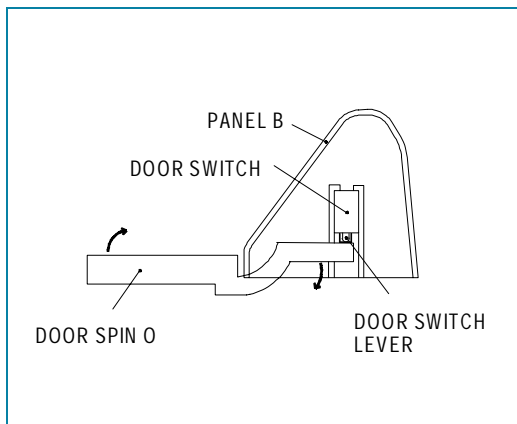
- Door Switch

When the door spin o is opened during spin drying the lever of the door switch which sits atop the door spin o falls off the contact, and cuts off the power going into the spin motor.

- Brake System

When the door spin is opened, the link brake and brake wire is loosened.

And then the brake band touches the drum coupling assembly and stops the spin dryer as it is pulled by the spring in the brake fix plate assembly.



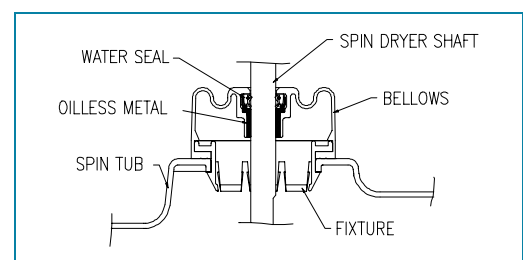
- Brake Band Gap Control

The band brake works best when the gap between it and the drum coupling is about 2mm when the door spin is closed. The spin dryer stops slowly if the gap is too large.

- SPIN BELLOWS ASS'Y

The wrinkled rubber device below the spindryer is called spin bellows assembly.

It has a waterseal and an oilless metal inside to prevent leakage and so that spin dryer may work smoothly.



◆ DRAIN PUMP OPERATION (Pump Model Only)

- Always running during Timer is ON.

NOTE

Pull out the power plug prior repair and make sure that the Washing Machine has been properly grounded.

- Concerning Wash

| Problem | Check Point | Cause | Solution |
|------------------------------------|--|-------|---|
| Pulsator does not rotate. | Is the Power properly connected? | NO | Reconnect the Power Cord. |
| | YES | | |
| | Is there a whirring sound from the Wash Motor when turned on? | YES | Is this Wash Selector properly positioned? |
| | | NO | Set the Wash Selector to WASH RINSE |
| | YES | | |
| | Is the Condenser properly connected? | NO | Motor does not start due to opening the Condenser circuit. Reconnect the Condenser. |
| | NO | | |
| | Is the Motor hot? (In case there is Thermal Protector) | YES | Power has been cut off by the Thermal Protector Power restored when Motor cools |
| | NO | | |
| | Is the Wiring good? (Refer to the Wiring Diagram) | NO | Improper wiring. Reconnect the wiring. |
| Pulsator does not rotate smoothly. | YES | | |
| | Is the contact of Wash Timer good? | NO | Defective Wash Timer. Replace Wash Timer. |
| | | YES | Defective Wash Motor. Replace Wash Motor. |
| | Is the wash load appropriate? | NO | Reload with proper wash load. |
| | YES | | |
| | Are the Pulsator and Motor Pulley securely assembled? | NO | Defect of mechanical assembly. Tighten the screws fixed on the Pulley. |
| | YES | | |
| | Does the V-Belt slip? | YES | Worn out V-Belt. Replace V-Belt |
| | NO | | |
| | Are there impurities between the Pulsator and Tub. | YES | Revolution obstructed by impurities. Remove impurities after disassembling pulsator. |
| | NO | | |
| | Does the pulsator shaft rotate properly when the pulsator has been disassembled? | YES | Worn out the Serration within the pulsator. Replace pulsator. |
| | | NO | Defective Case Shaft As. Replace Case Shaft As.. |

| Problem | Check Point | Cause | Solution |
|--|---|---|--|
| Pulsator rotate only in one direction. | Is the wiring of Condenser properly connected? | NO → Improper wiring. | Reconnect. |
| | YES ↓ | | |
| | Is the wiring of wash timer properly connected? | NO → Improper wiring. | Reconnect the Wash Timer |
| | YES ↓ | Defective Wash timer. | Replace Wash Timer. |
| There is excessive noise during washing. | Are there strange noise from Tub when the Pulsator rotates? | YES → Impurities between Pulsator and Tub. | Remove impurities after disassembling Pulsator. |
| | NO ↓ | Pulsator improperly assembled. | Tighten the Pulsator fixing screw. |
| | | Something is in contact with the Pulsator Pulley or Motor Pulley or other rotating parts. | Adjust the parts so that there are no impurities in contact with rotating parts. |

Concerning Spin

| Problem | Check Point | Cause | Solution |
|---------------------------------|---|---|---|
| The Spin Dryer does not rotate. | Is the Spin Selector properly set? | NO → | Set the Spin Selector to SPIN |
| | YES ↓ | | |
| | Is the Door Spin *O open? | YES → The contact of Door Switch is open. | Keep the Door Spin *O closed during spin. |
| | NO ↓ | | |
| | Is there a whirring sound form the Spin Motor when turned ON? | YES ↓ | |
| | NO ↓ | | |
| | Is the Condenser properly connected? | NO → Motor does not start due to opening the Condenser circuit. | Reconnect. |
| | YES ↓ | | |

| Problem | Check Point | Cause | Solution |
|---|--|--|--|
| The Spin Dryer does not rotate. | The Brake Band is touching the Drum coupling Assembly. | YES Brake wire is too long | Assemble after loosening Link Brake and adjusting downward. |
| | NO Is the Motor hot? (In case there is Thermal Protector) | YES Power has been cut off by the Thermal Protector | Power restored when Motor cools |
| | NO Is the Wiring good? (Refer to the Wiring Diagram) | NO Improper wiring. | Reconnect the wiring. |
| | YES Is the Door Switch Lever properly placed on the Door Spin *O? | NO Defective connection | Replace Door Switch or reshape the Lever. |
| | YES Is the Door Switch terminal properly connected? | NO Improper wiring | Reconnect the terminal. |
| | YES Is the contact of Spin Timer good? | NO Defective Spin Timer | Replace the Spin Timer. |
| | YES | Defective Spin Motor | Replace the Spin Motor. |
| There are strange noise and severe vibration during spinning. | Is the wash load well balanced? | NO Spin Dryer does not balanced due to wash load. | Reload the clothes so they are well balanced. |
| | YES Are clothes or the Safety Cover stuck out of the Spin Basket? | YES Tub is in contact with the object stuck out. | Reload the clothes and press down the Safety Cover into Spin Basket. |
| | NO Is the assembly between the Drum Coupling Assembly and Spin Motor or Spin Dryer loose? | YES Improper structural assembly | Tighten the Bolt in Drum Coupling Assembly |
| | NO Is The Spin Dryer itself well Balanced? | NO Spin Dryer unbalance | Re-assemble Spin Dryer. |
| | YES | | |

| Problem | Check Point | Cause | Solution |
|---|--|---|---|
| There are strange noise and severe vibration during spinning. | YES The Waterseal or the Oilless metal in the Bellows Assembly worn out. | | Replace Bellows Assembly |
| There is leakage during spin drying. | Is the Bellows Assembly properly assembled? NO YES The waterseal or the oilless metal in the Bellows Assembly is worn out. | Waterproofing not working due to defective assembly. The waterseal or the oilless metal in the Bellows Assembly is worn out. | Re-assemble Bellows Assembly. Replace Bellows Assembly. |
| Spin Dryer does not stop with the Door Spin *O open. | Does the Brake Band touches the Drum coupling when the Door Spin *O open. NO YES Is the electric connection of the Door Switch good? NO YES The contact of the Door switch does not open due to deformity of the Lever of Door Switch. | Brake wire is too short Brake Band is worn out. Defective Door Switch The contact of the Door switch does not open due to deformity of the Lever of Door Switch. | Assemble after loosening Link Brake and adjusting upward. Replace Brake Band or Brake Fix Assembly. Replace Door Switch Replace Door Switch or reshape the Lever of Door Switch. |

Concerning Drainage

| Problem | Check Point | Cause | Solution |
|-------------------------------|--|--|---|
| Drainage is not satisfactory. | Is the height of the drainage area where the Drain Hose hangs over 1m? (pump model) YES NO Are there impurities in the Drain Strainer? YES NO Are there impurities in the case valve or Inlet Joint. YES NO Impurities are blocking the Drain Hose. | The Drain Hose is too High. Impurities are obstructing drainage. Impurities are obstructing drainage. Impurities are blocking the Drain Hose. | Hang the Drain Hose lower Disassemble Pulsator and take out impurities in Drain strainer Remove impurities or replace Case Valve or inlet joint. Remove impurities |

| Problem | Check Point | Cause | Solution |
|---|---|--|--|
| Water Keeps draining during wash | Is the Drain Selector is at the DRAIN position? | YES Misoperation | Turn Drain Selector to WASH/RINSE position |
| | NO ↓ | There are impurities between the Case Valve and Valve Bellows. | Remove impurities. Or replace Case Valve. |
| Draining does not function during drain selecting | Is the link valve broken? | YES Drain valve cannot be opened. | Change the link valve. |
| | NO ↓ | Is the pump Motor wiring properly connected? | NO Defective wiring Reconnect wiring |
| | YES ↓ | Defective Pump motor | Replace Pump Motor |
| Draining does not function during Spin drying | Are the wiring of the Spin Timer and the Pump Motor good? | NO Defective wiring | Reconnect wiring |
| | YES ↓ | Is the Spin Timer's contact good? | NO Defective Spin Timer Change the Spin Timer. |
| | YES ↓ | Defective Pump Motor | Change Pump Motor. |

HOW TO DISASSEMBLE

1. REPLACING WASH TIMER AND SELECTOR SWITCH.

1. Remove 2 screw on the back cover B



2. Separate connector to harness assembly.



3. Separate link valve from the valve rod.



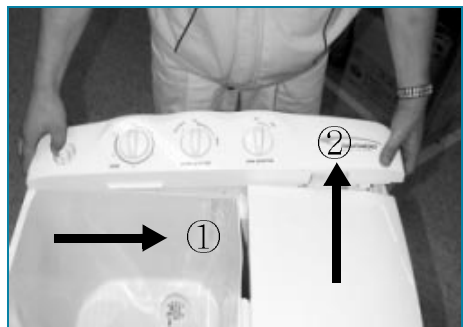
4. Remove plate from tub.



5. Remove 2 screws on panel.



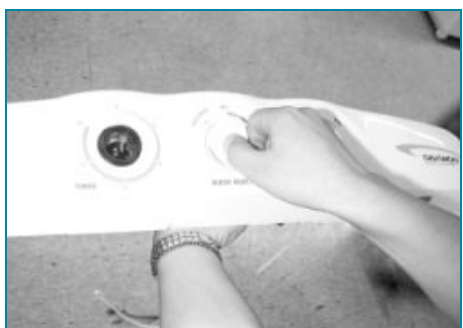
6. Separate the panel assembly.



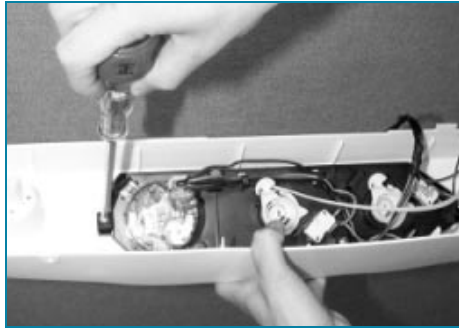
7. Remove the door switch.



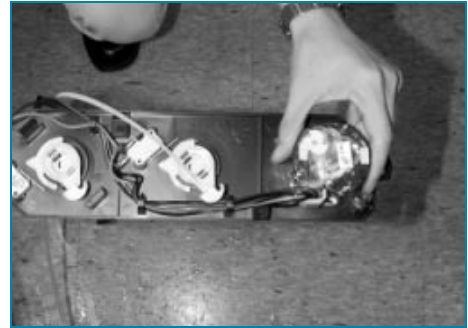
8. Remove the knob.



9. Remove 4 screws on bracket panel.



10. Remove wash timer and selector switch.



2. Replacing wash and spin motor

1. Separate main harness assembly.



2. Remove nut and bolt on spin basket shaft and remove spin basket.



3. Remove a belt connecting motor pulley and pulsator pulley.



4. Separate link brake from the brake wire assembly.



HOW TO DISASSEMBLE

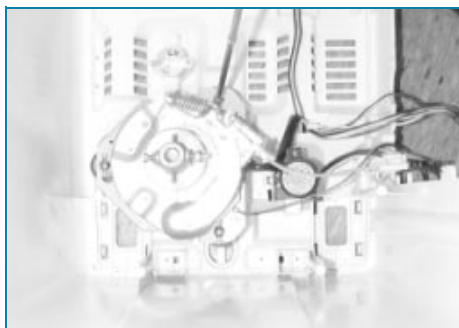
5. Remove 3 screw fixing the drain pump. (pump model)



6. Remove cap screw(2EA) and 5 screws on flange of the tub. And lift up the tub assembly.



7. Remove 3 screws and spin motor.



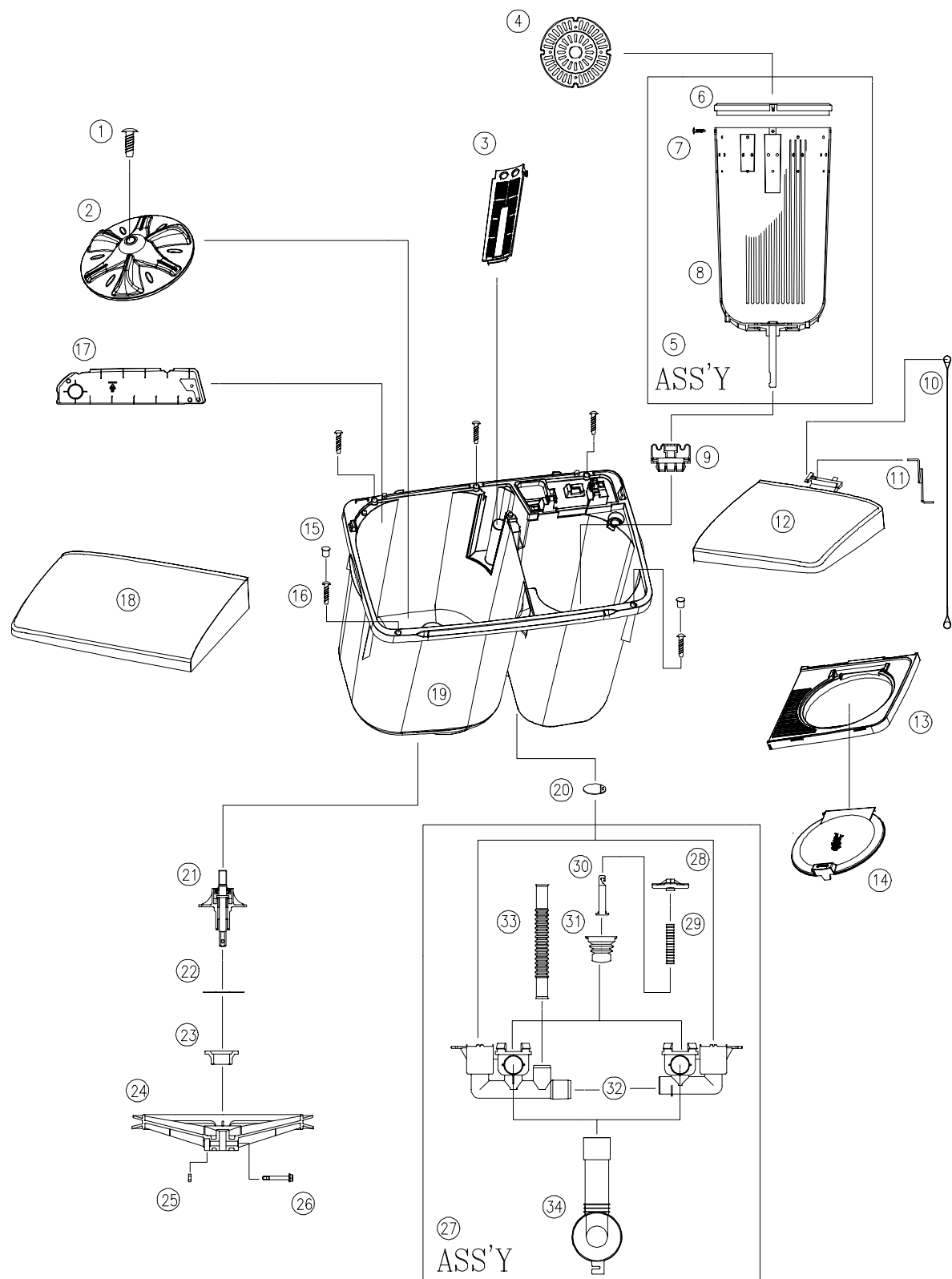
8. Remove 3 screws and spin motor.



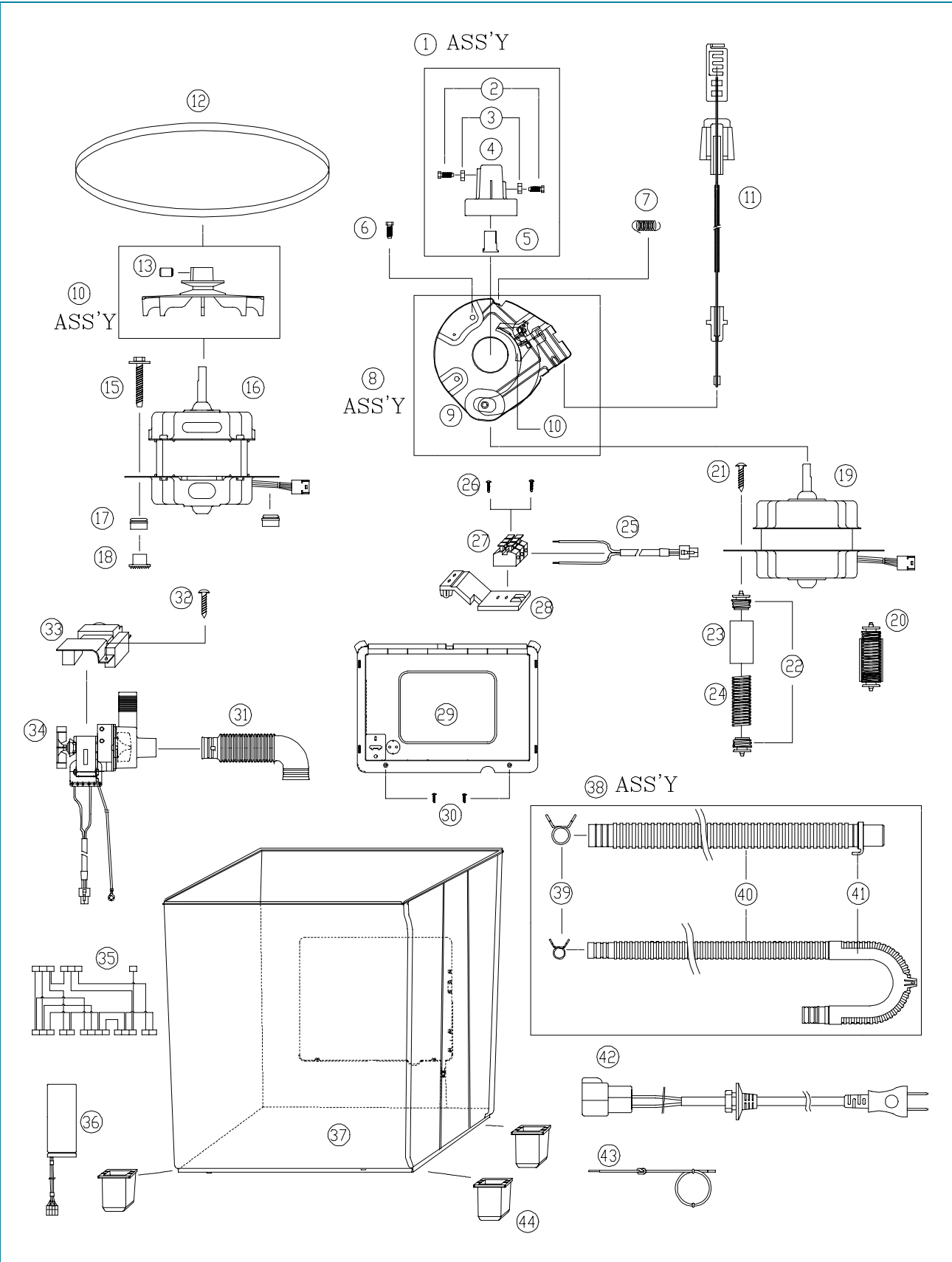
1. PANEL ASS'Y



2. TUB ASS'Y



3. BASE ASS'Y



4. PART LIST

- PANEL ASS'Y

* R PART RECOMMENDED FOR STOCK

| NO | R | PART NAME | PART CODE | SPECIFICATION | Q'TY | REMARKS |
|----|---|-----------------|------------|----------------------|------|---------------------|
| 1 | | KNOB | 3613403100 | HIPS(HI-450) | 3.00 | |
| 2 | | PANEL | 3614230500 | PP(J-945) | 1.00 | 500M |
| | | | 3614231000 | PP(J-945) | 1.00 | 501M |
| 3 | | SCREW TAPPING | 7122401411 | T2S TRS 4X14 MFZN | 4.00 | |
| 4 | | BRACKET PANEL | 3610604800 | HIPS(HI-425TV) | 1.00 | 500M, HB |
| | | | 3610604810 | HIPS(HFH-400) | 1.00 | 500M, VO, S/TIMER |
| | | | 3610604820 | HIPS(HFH-400) | 1.00 | 500M, VO |
| | | | 3610605200 | HIPS(HI-425TV) | 1.00 | 501M, HB |
| | | | 3610605210 | HIPS(HFH-400) | 1.00 | 501M, VO, S/TIMER |
| | | | 3610605220 | HIPS(HFH-400) | 1.00 | 5010, VO |
| 5 | | SCREW TAPPING | 7122401411 | T2S TRS 4X14 MFZN | 4.00 | |
| 6 | R | TIMER WASH | 3619910700 | S-K30AP, SAN | 1.00 | PUMP, SAN |
| | | | 3619910710 | S-K30BP, PC | 1.00 | PUMP, PC |
| | | | 3619910720 | S-K30AS, SAN | 1.00 | JAPAN(S/T, UL94HB) |
| | | | 3619910730 | S-K30BS, PC | 1.00 | JAPAN(S/T, UL94V-O) |
| | | | 3619910740 | S-K30A, SAN | 1.00 | NON-PUMP, SAN |
| | | | 3619910750 | S-K30B, PC | 1.00 | NON-PUMP, PC |
| 7 | | LEVER CONTROL | 3613701400 | POM | 2.00 | |
| 8 | | SWITCH SELECTOR | 3619044600 | SZM-V15-2FA-93 | 2.00 | |
| 9 | R | SWITCH DRAIN | 3619043700 | VP531A-2H,250VAC,15A | 1.00 | PUMP, S/TIMER |
| 10 | | HARNESS DRAIN | 3612759900 | 500M'S DRAIN HARNESS | 1.00 | PUMP, S/TIMER |
| 11 | R | TIMER SPIN | 3619910800 | S-3000A,SAN | 1.00 | JAPAN(UL94HB) |
| | | | 3619910810 | S-3000B,PC | 1.00 | JAPAN(UL94V-O) |
| 12 | R | COVER S/W AS | 4507K44031 | 15A,220VAC 1006FD | 1.00 | |
| 13 | | HARNESS SPIN | 3612759800 | 500M'S DOOR HARNESS | 1.00 | NON-PUMP |
| 14 | | LINK VALVE | 3613800900 | PP BAND | 1.00 | |

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- TUB ASS'Y*** R PART RECOMMENDED FOR STOCK**

| NO | R | PART NAME | PART CODE | SPECIFICATION | Q'TY | REMARKS |
|----|---|------------------|------------|--------------------------|------|-------------|
| 1 | | SPECIAL SCREW | 3616002900 | SUS 304 | 1.00 | |
| 2 | | PULSATOR AS | 3619705100 | PP(J-640A) | 1.00 | |
| 3 | | FILTER OVER FLOW | 3611904300 | PP(J-640A) | 1.00 | |
| 4 | | COVER SAFETY | 3611417000 | LLDPE(JL210)+HDPE(JK910) | 1.00 | |
| 5 | | BASKET SPIN AS | 3619103200 | AS, 500M'S | 1.00 | |
| 6 | | RING BASKET | 3614602000 | PP(J-640A) | 1.00 | |
| 7 | | SCREW TAPPING | 7122401208 | T2S TRS 4X12 SUS | 4.00 | |
| 8 | | BASKET | 3619102300 | PP(J-640A) | 1.00 | |
| 9 | R | BELLOWS AS | 3616401500 | AS, 4.0kg | 1.00 | |
| 10 | | LINK BRAKE | 3613801300 | PP BAND(L453) | 1.00 | |
| 11 | | SPRING COVER | 3615110400 | HSW3 | 1.00 | |
| 12 | | DOOR SPIN O | 3611416900 | PP(J945) | 1.00 | |
| 13 | | PLATE T | 3614518300 | PP(J740) | 1.00 | |
| 14 | | COVER INNER | 3611416700 | PP(J801) | 1.00 | |
| 15 | | SCREW TAPPING | 7122401611 | T2S TRS 4X16 MFZN | 5.00 | |
| 16 | | CAP SCREW | 3610909600 | NBR | 2.00 | |
| 17 | | BASE WATER | 3610388100 | PP(J740) | 1.00 | |
| 18 | | COVER WASH | 3611416800 | PP(J945) | 1.00 | |
| 19 | | TUB | 3618816000 | PP(J740) | 1.00 | |
| 20 | | PROTECTOR F.B. | 3618303500 | NBR | 1.00 | PUMP, JAPAN |
| 21 | | CASE SHAFT AS | 3611118500 | AS, 4.0kg | 1.00 | |
| 22 | | GASKET | 3612301400 | NBR(K35L) | 1.00 | |
| 23 | | SPECIAL NUT | 3616007500 | LU POL GP-2300 | 1.00 | |
| 24 | | PULLEY PULSATOR | 3618430300 | FRPP(GLASS 30%) | 1.00 | |
| 25 | | SPECIAL BOLT | 3616008300 | SM18C+SI LOCK(M5) | 1.00 | |
| 26 | | NUT HEX | 7391500011 | 6N-1.5 MFZN | 1.00 | |
| 27 | | DRAIN ASS'Y | 3611120500 | DRAIN AS(PUMP) | 1.00 | PUMP |
| | | | 3611120400 | DRAIN AS(PUMP) | | NON-PUMP |
| 28 | | CAP VALVE | 3610909400 | PP | 1.00 | |
| 29 | | SPRING VALVE | 4505C06020 | SUS 304 WR 1.0D | 1.00 | |
| 30 | | VALVE ROD | 3615406700 | PP | 1.00 | |
| 31 | R | BELLOWS | 4509A06042 | NBR | 1.00 | |
| 32 | | CASE VALVE | 3611119300 | PP(640A) | 1.00 | NON-PUMP |
| | | | 3611119400 | PP(640A) | 1.00 | PUMP |
| 33 | | HOSE OVERFLOW | 3613220800 | LDPE, 4010 | 1.00 | JAPAN |
| 34 | | INLET JOINT | 3617503900 | PP(640A) | 1.00 | |

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EXPLODED VIEWS

- BASE ASS'Y*** R PART RECOMMENDED FOR STOCK**

| NO | R | PART NAME | PART CODE | SPECIFICATION | Q'TY | REMARKS |
|----|---|------------------|------------|--------------------------|------|----------------|
| 1 | | COUPLING DRUM AS | 3619400900 | ASSY, 4.0kg | 1.00 | |
| 2 | | BOLT HEX(P) | 7342602011 | 6B-2-6X20 POINTING | 2.00 | |
| 3 | | NUT HEX | 7393600011 | 6N-3-6 MFZN | 2.00 | |
| 4 | | COUPLING DRUM | 3619400300 | AS, 4010 | 1.00 | |
| 5 | | BUSHING AS | 3610701900 | BUSHING+PLATE(SUS0.5T) | 1.00 | |
| 6 | | SCREW MACHINE | 7001401065 | PAN 4X10 BSNI | 3.00 | |
| 7 | | SPRING BRAKE | 3615109000 | SWC D1.0 ZN8-C | 1.00 | |
| 8 | | BRAKE FIX PLT AS | 3614517400 | GA | 1.00 | |
| 9 | | PLATE BRAKE AS | 3614517400 | ASSY, 4.0kg | 1.00 | |
| 10 | | BRAKE BAND | 3619201400 | NYLON | 1.00 | |
| 11 | | ASSY BRAKE WIRE | 3610004300 | 500M'S, L210 | 1.00 | |
| 12 | R | BELT V | 3616590400 | M31, 60Hz | 1.00 | T,TP,L,J,S |
| | | | 450M700020 | M32, 50Hz | 1.00 | N,M,NP,MP,D,DP |
| 13 | | PULLEY MOTOR AS | 3618430900 | PRESS, D58, 60Hz | 1.00 | T,TP,L,J,S |
| | | | 3618431000 | PRESS, D54, 50Hz | 1.00 | N,M,NP,MP,D,DP |
| 14 | | SPECIAL SCREW | 3616009300 | SET SCREW+SILOCK(8X12) | 1.00 | |
| 15 | | SPECIAL BOLT | 3616003100 | M5*35 WASHER | 3.00 | |
| 16 | R | MOTOR WASH | 3618952800 | 100V 50/60Hz,TP, 25T | 1.00 | J |
| | | | 3618953000 | 110V,50Hz,25T | 1.00 | T,TP |
| | | | 3618953200 | 220-240V,50/60Hz,TP,25T | 1.00 | N,NP,M,MP |
| | | | 3618953300 | 220-240V,50/60Hz,25T | 1.00 | N,NP,M,MP,L |
| | | | 3618953800 | 110-120/220-240V,50/60Hz | 1.00 | D,DP,S |
| 17 | | CUSHION MOTOR | 450M712020 | NR | 3.00 | |
| 18 | | CUSHION SPOT | 450M712010 | PP | 1.00 | |
| 19 | R | MOTOR SPIN | 3618952900 | 110V,50/60HZ,TP,15.5T | 1.00 | J |
| | | | 3618953100 | 110V,60Hz,15.5T | 1.00 | T,TP |
| | | | 3618953400 | 220V,50/60Hz,TP,15.5T | 1.00 | N,NP |
| | | | 3618953500 | 220V,50/60Hz,15.5T | 1.00 | N,NP,L |
| | | | 3618953600 | 240V,50Hz,TP,15.5T | 1.00 | M,MP |
| | | | 3618953700 | 240V,50Hz,15.5T | 1.00 | M,MP |
| | | | 3618953900 | 110/220V,50Hz,15.5T | 1.00 | D,DP |
| | | | 3618954000 | 127/220V,60Hz,15.5T | 1.00 | S |
| 20 | | AS CUSHION SPIN | 3611537200 | DWM-3000'S | 3.00 | |
| 21 | | SCREW TAPPING | 7122502011 | T2S TRS 5X20 MFZN | 3.00 | |
| 22 | | STOPPER | 3615201600 | PP(J640A) | 6.00 | |
| 23 | | ABSORBER | 3610106400 | SBS(STE1084) | 3.00 | |

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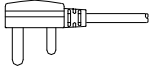
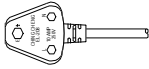
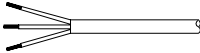
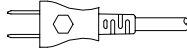
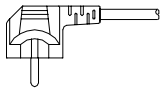
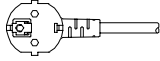
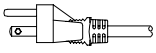

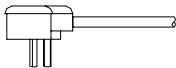
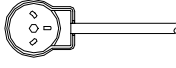
| NO | R | PART NAME | PART CODE | SPECIFICATION | Q'TY | REMARKS |
|----|---|-------------------|------------|-----------------------------|------|--------------------|
| 24 | | SPRING CUSHION | 3615110300 | SWC D2.5, L75 | 3.00 | |
| 25 | | HARNESS POWER | 3612701900 | TERMINAL BLOCK | 1.00 | OPTION |
| 26 | | SCREW TAPPING | 7121302011 | PAN T2S 3X20 MFZN | 2.00 | OPTION |
| 27 | | TERMINAL BLOCK | 3618701900 | 271-312 | 1.00 | OPTION |
| 28 | | BRACKET TERMINAL | 4505D37002 | PP | 1.00 | OPTION |
| 29 | | COVER B | 3611416800 | PP(J640A) | 1.00 | |
| 30 | | SCREW TAPPING | 7122401411 | T2S TRS 4X14 MFZN | 2.00 | |
| 31 | | HOSE PUMP | 3613225200 | LDPE,OSUNG | 1.00 | PUMP |
| | | | 3613225300 | LDPE,DMI | 1.00 | PUMP |
| 32 | | SCREW TAPPING | 7122502011 | T2S TRS 5X20 MFZN | 3.00 | PUMP |
| 33 | | BRACKET PUMP | 3610604600 | PP(J640A),DMI | 1.00 | PUMP |
| | | | 3610603700 | PP(J640A),OSUNG | 1.00 | PUMP |
| 34 | R | DRAIN PUMP | 3618952500 | 110V,60Hz,TP,30T | 1.00 | TP |
| | | | 3618952600 | 220V,50Hz,TP,30T | 1.00 | NP |
| | | | 3618952700 | 110-120/220-240V,50/60Hz,TP | 1.00 | DP |
| | | | 3618955700 | 240V,50Hz,TP,30T | 1.00 | MP |
| 35 | | HARNESS ASSY | 3612757220 | SINGLE,N-PUMP,MAIN | 1.00 | N,M,T,L |
| | | | 3612757230 | JAPAN, FILTER, MAIN | 1.00 | J |
| | | | 3612759400 | SINGLE PUMP, MAIN | 1.00 | NP,MP,TP |
| | | | 3612759200 | DUAL NON-PUMP, MAIN | 1.00 | D,S |
| | | | 3612759300 | DUAL PUMP, MAIN | 1.00 | DP |
| | | | 3612757200 | 4010SINGL,N-PUMP,MAIN | 1.00 | N,M,T,L,J, S/TIMER |
| | | | 3612757300 | 4010SINGL,PUMP,MAIN | 1.00 | NP,MP,TP, S/TIMER |
| 36 | R | UNIT CAPACITOR | 3618954100 | 26.0/12.4uF,200VAC,EPOXY | 1.00 | J |
| | | | 3618954200 | 26.0/9.0uF,200VAC,EPOXY | 1.00 | T,TP |
| | | | 3618954300 | 6.5/2.6uF,400VAC,EPOXY | 1.00 | N,NP,L |
| | | | 3618954400 | 4.0/2.2uF,400VAC,EPOXY | 1.00 | M,MP |
| | R | CAPACITOR WASH | 3618954500 | 13X2uF,200VAC | 1.00 | D,DP,S |
| | R | CAPACITOR SPIN | 450E411050 | 12.4uF,200VAC | 1.00 | D,DP |
| | | | 450E411090 | 7.6uF,250VAC | 1.00 | S |
| | | HARNESS CONDENSER | 3612759700 | 300'S DUAL | 1.00 | D,DP,S |
| 37 | | BASE UNDER | 3610388010 | PP(J-945) | 1.00 | |
| 38 | | DRAIN HOSE O AS | 3613224200 | HOSE(755MM),HANGER | 1.00 | NON-PUMP |
| | | | 3613224300 | HOSE(820MM),HANGER | 1.00 | JAPAN |
| | | | 3613218800 | LD-PE/EVA L=1600 PUMP | 1.00 | PUMP |
| 39 | | CLAMP HOSE O | - | | 1.00 | PUMP |
| | | | 4508A06120 | SW2.6D ZN8-C(R15.5) | 1.00 | NON-PUMP |
| 40 | | HOSE DRAIN O | - | | 1.00 | PUMP |
| | | | 3613223600 | LDPE,755MM | 1.00 | NON-PUMP |

EXPLODED VIEWS

| NO | R | PART NAME | PART CODE | SPECIFICATION | Q'TY | REMARKS |
|----|---|------------------------|------------|-------------------------|------|-------------------|
| 41 | | HOLDER HOSE(GUIDE D/H) | 3612502300 | PP(JI-360) | 1.00 | PUMP |
| | | | 3613012100 | PP | 1.00 | NON-PUMP |
| 42 | | CORD POWER | 3611330800 | N LFC-3R 3X0.75 2.3M GY | 1.00 | STOPPER,CONNECTOR |
| | | | 3611330900 | F H05W 3X0.75 2.3M WH | 1.00 | |
| | | | 3611331000 | RW-300/500 3X0.75 2.3M | 1.00 | |
| | | | 3611331100 | - VCTF 3X0.75 2.3M | 1.00 | |
| | | | 3611331200 | R VCTF 2X1.25 2.3M GY | 1.00 | |
| | | | 3611331300 | U VDTF 3X0.75 2.3M GY | 1.00 | |
| | | | 3611331400 | - H05W-F 3X0.75 2.3M GY | 1.00 | |
| | | | 3611331500 | P VCTF 3X0.75 2.3M WH | 1.00 | |
| | | | 3611331600 | - H05W-F 3X0.75 2.3M BK | 1.00 | |
| | | | 3611331700 | A-VCTFK 2X0.75 2.3M GY | 1.00 | |
| | | | 3611331800 | F H05W 3X0.75 2.3M BK | 1.00 | |
| | | | 3611331900 | C SJT 3X18AWG 2.3M GY | 1.00 | |
| | | | 3611332000 | - H05W-F 3X0.75 2.3M BK | 1.00 | |
| | | | 3611332100 | VCTFK 2X0.75 2.3 GY | 1.00 | |
| 43 | | HARNESS OUTER | 3612756100 | L2850,GN,TWIST | 1.00 | JAPAN, OPTION |
| 44 | | LEG | 3617702700 | PP(J640A) | 4.00 | |

POWER CORD

| NO | PART CODE | TYPE OF PLUG | SPEC. | COUNTRY | REMARK |
|----|------------|---|---|--|--------------|
| 1 | 3611330900 |  | F H05VV 3X0.75 2.3M WH | CHILE | CHILE 3PIN |
| 2 | 3611330800 |  | N LFC-3R 3X0.75 2.3M GY | ARGENTINA P.N.G AUSTRALIA NEW ZEALAND | KP-551 |
| | 3611330820 | | N LFC-3R 3X0.75 2.3M GY TERMINAL BLOCK | | |
| 3 | 3611331000 |  | RW-300/500 3X0.75 2.3M | CHINA | |
| 4 | 3611331100 |  | - VCTF 3X0.75 2.3M | INDIA SRILANKA | 3PIN ROUND |
| 5 | 3611331300 |  | U VCTF 3X0.75 2.3M GY | KOREA U.A.E SAUDI ARABIA | CP-2PIN |
| 6 | 3611331200 |  | R VCTFK 2X1.25 2.3M GY | JAPAN | ▽-MARK |
| 7 | 3611332100 |  | VCTFK 2X0.75 2.3M GY | SAUDI ARABIA LEBANON | R-2PIN |
| 8 | 3611331500 |  | P VCTF 3X0.75 2.3M WH | OMAN KUWAIT | BS-1363(I/A) |

| NO | PART CODE | TYPE OF PLUG | SPEC. | COUNTRY | REMARK |
|----|------------|---|---|---|---------|
| 9 | 361131400 |  | H05VV-F 3X0.75 2.3M GY | MAURITUS SOUTH AFRICA | BP-3PIN |
| | WX745N7B2- |  | H05V-F 3X0.75 3M GY TERMINAL BLOCK | | |
| 10 | 3611331600 |  | -H05VV-F 3X0.75 2.3M BK | SINGAPORE MALAYSIA | VDE |
| 11 | 3611331700 |  | A-VCTFK 2X0.75 2.3M GY | TAIWAN | F-2PIN |
| 12 | 3611331800 |  | F H05VV3X0.75 2.3M BK | RUSSIA TUNISIA ROMANIA CZECHO HUNGARY POLAND | UP-2PIN |
| | 3611331820 |  | F H05VV3X0.75 2.3M BK TERMINAL BLOCK | | |
| 13 | 3611331900 |  | C SJT 3X18AWG 2.3M GY | PANAMA DOMINICA COSTA RICA USA CANADA | EP-3PIN |
| | 3611331920 |  | C SJT 3X18AWG 2.3M GY TERMINAL BLOCK | | |
| 14 | 3611332000 |  | Z H05W-F 3X0.75 2.3M BK | ISRAEL | VDE |
| | |  | | | |

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